

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Butte County Department of Public Works**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 01 Mud Creek			Right	7.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0003_01_s _ 2013_2				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0003_01_s _ 2013_6				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0003_01_s _ 2013_10				
Action/Comments					

No Photos

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start	1.02	Rating **	M	Issue No.	12
LM End	1.02	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.739268 °	39.739268 °
				-121.931891 °	-121.931891 °
DWR ID	DWR_NA0003_01_s_2014_12				
Action/Comments					
Inspector Comments: FS_ID:29706					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Vegetation debris on waterside. Needs clearing and cleaning.					
FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965.					
FS Date: 2/20/2014					

Photo 1 of 1 : UCIP\_6042.jpg



WS view: U typed concrete headwall, pipe, and flapgate on levee slope.

LM Start	1.74	Rating **	M	Issue No.	15
LM End	1.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.745718 °	39.745718 °
				-121.923124 °	-121.923124 °
DWR ID	DWR_NA0003_01_s_2014_15				
Action/Comments					
Firewood					

Photo 1 of 1 : rduffey\_s\_20140428\_194.jpg



View of the firewood along the landside toe.

\* Location  
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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start	2.06	Rating **	U	Issue No.	3
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.748330 °	39.748867 °
				-121.918685 °	-121.918533 °
DWR ID	DWR_NA0003_01_s _ 2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : rduffey\_s\_20140304\_517.jpg



View of the fences along the L/S toe.

LM Start	2.16	Rating **	U	Issue No.	24
LM End	2.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.749732 °	39.749732 °
				-121.918270 °	-121.918270 °
DWR ID	DWR_NA0003_01_s _ 2012_24				
Action/Comments					
Building					

No Photos

LM Start	2.18	Rating **	M	Issue No.	4
LM End	2.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.749917 °	39.753355 °
				-121.917738 °	-121.922915 °
DWR ID	DWR_NA0003_01_s _ 2012_4				
Action/Comments					
Fence					

No Photos

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start	2.65	Rating **	C	Issue No.	11
LM End	2.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.755915 °	39.755915 °
				-121.914825 °	-121.914825 °
DWR ID	DWR_NA0003_01_f_2013_11				
Action/Comments					
Prunings					

No Photos

LM Start	3.00	Rating **	M	Issue No.	1
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.759755 °	39.759755 °
				-121.911160 °	-121.911160 °
DWR ID	DWR_NA0003_01_s_2012_1				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_516.jpg



View of the pruning pile along the L/S toe.

LM Start	3.10	Rating **	M	Issue No.	25
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.761085 °	39.761085 °
				-121.911048 °	-121.911048 °
DWR ID	DWR_NA0003_01_s_2012_25				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140428\_196.jpg



View of the prunings along the landside toe.

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WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start	3.98	Rating **	C	Issue No.	5
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.770351 °	39.770351 °
				-121.901349 °	-121.901349 °
DWR ID	DWR_NA0003_01_s _ 2012_5				
Action/Comments					
Prunings					

No Photos

LM Start	4.05	Rating **	C	Issue No.	14
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.771126 °	39.771126 °
				-121.900486 °	-121.900486 °
DWR ID	DWR_NA0003_01_f _ 2013_14				
Action/Comments					
Prunings					

No Photos

LM Start	4.37	Rating **	M	Issue No.	8
LM End	4.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.773257 °	39.773969 °
				-121.895618 °	-121.895078 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Two large erosion scallops at the toe from a rotational failure. Deep cracks along the slope indicate the potential for further failures. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: MUD_4-4_R]					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	04/10/2014 04/10/2014	Bob Duffey

LM Start	4.58	Rating **	M	Issue No.	21
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.775908 °	39.775908 °
				-121.893947 °	-121.893947 °
DWR ID	DWR_NA0003_01_s _ 2012_21				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_521.jpg



View of the brush pile along landside toe.

LM Start	4.91	Rating **	M	Issue No.	13
LM End	4.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.780068 °	39.780068 °
				-121.891469 °	-121.891469 °
DWR ID	DWR_NA0003_01_s _ 2013_13				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_519.jpg



The landowner burned the pruning pile.

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 02 Mud Creek			Left	8.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	04/10/2014 04/10/2014	Bob Duffey

LM Start	1.58	Rating **	U	Issue No.	3
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.782773 °	39.778972 °
				-121.888178 °	-121.891563 °
DWR ID	DWR_NA0003_02_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : rduffey\_s\_20140304\_524.jpg



View of the fence along the landside toe of the levee.

LM Start	2.90	Rating **	M	Issue No.	1
LM End	2.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.767841 °	39.767841 °
				-121.901534 °	-121.901534 °
DWR ID	DWR_NA0003_02_f_2013_1				
Action/Comments					
Material					

Photo 1 of 1 : rduffey\_s\_20140304\_523.jpg



View of the tree stakes along the landside slope and toe.

LM Start	3.42	Rating **	M	Issue No.	5
LM End	3.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.763208 °	39.763208 °
				-121.908517 °	-121.908517 °
DWR ID	DWR_NA0003_02_f_2012_5				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140304\_525.jpg



View of the brush pile along landside toe.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	04/10/2014 04/10/2014	Bob Duffey

LM Start	3.45	Rating **	M	Issue No.	6
LM End	3.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.762853 °	39.762853 °
				-121.908653 °	-121.908653 °
DWR ID	DWR_NA0003_02_s _ 2013_6				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

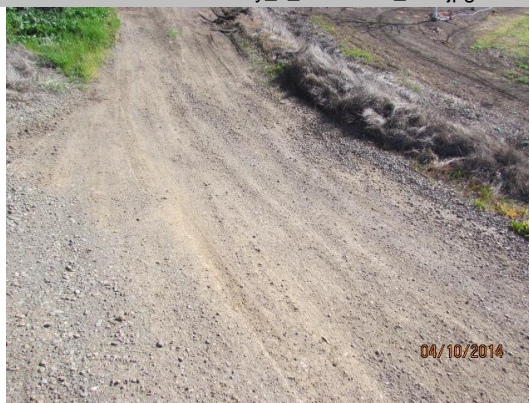
Photo 1 of 1 : rduffey\_s\_20140304\_526.jpg



View of the rodent hole in the crown roadway.

LM Start	3.63	Rating **	M	Issue No.	10
LM End	3.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.760531 °	39.760531 °
				-121.910293 °	-121.910293 °
DWR ID	DWR_NA0003_02_s _ 2014_10				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : rduffey\_s\_20140428\_199.jpg



View of the vehicle erosion along the waterside slope.

LM Start	4.70	Rating **	A/W	Issue No.	8
LM End	4.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.749639 °	39.749639 °
				-121.917188 °	-121.917188 °
DWR ID	DWR_NA0003_02_f _ 2013_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_528.jpg



View of the rodent holes along the landside slope.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	04/10/2014 04/10/2014	Bob Duffey

LM Start	5.59	Rating **	A/W	Issue No.	9
LM End	5.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.740508 °	39.740508 °
				-121.926814 °	-121.926814 °
DWR ID	DWR_NA0003_02_f_2013_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : rduffey\_s\_20140304\_529.jpg



View of the rodent holes along the landside slope.

LM Start	6.02	Rating **	M	Issue No.	7
LM End	6.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.736652 °	39.736652 °
				-121.932053 °	-121.932053 °
DWR ID	DWR_NA0003_02_s_2013_7				
Action/Comments					
Prunings					

Photo 1 of 1 : rduffey\_s\_20140428\_200.jpg



View of the removed prunings from the landside toe.

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WS : Water Side  
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 02A Channel Slough			Left	0.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.30	04/10/2014 04/10/2014	Bob Duffey

LM Start	0.15	Rating **	A	Issue No.	3
LM End	0.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.734976 °	39.734976 °
				-121.929180 °	-121.929180 °
DWR ID	DWR_NA0003_02A_s_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : rduffey\_s\_20140428\_201.jpg



View of the native grasses on both slopes.

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

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**+ Issue Type**  
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 03 Sycamore and Sheep Hollow Creeks			Right	4.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.13	04/10/2014 04/10/2014	Bob Duffey

LM Start	0.06	Rating **	M	Issue No.	3
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.786068 °	39.786068 °
				-121.881828 °	-121.881828 °
DWR ID	DWR_NA0003_03_s _ 2012_3				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : rduffey\_s\_20140304\_530.jpg



View of the motorcycle erosion on the landside slope of the levee.

LM Start	1.83	Rating **	A	Issue No.	4
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.780011 °	39.780011 °
				-121.852629 °	-121.852629 °
DWR ID	DWR_NA0003_03_s _ 2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : rduffey\_s\_20140428\_202.jpg



View of the native grasses on both slopes.

**\* Location**  
LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 04 Sycamore and Dry Creeks			Right	2.94
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	04/10/2014 04/10/2014	Bob Duffey

LM Start	0.98	Rating **	U	Issue No.	1
LM End	1.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.776013 °	39.776595 °
				-121.851175 °	-121.852005 °
DWR ID	DWR_NA0003_04_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : rduffey\_s\_20140304\_531.jpg



View of the fence and trees along the landside toe of the levee.

LM Start	1.16	Rating **	U	Issue No.	3
LM End	1.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.776760 °	39.777650 °
				-121.854022 °	-121.855687 °
DWR ID	DWR_NA0003_04_s_2012_3				
Action/Comments					
Fence					

Photo 1 of 1 : rduffey\_s\_20140304\_533.jpg



View of the fence along the L/S toe.

LM Start	1.32	Rating **	M	Issue No.	2
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.778003 °	39.778378 °
				-121.856403 °	-121.857953 °
DWR ID	DWR_NA0003_04_s_2012_2				
Action/Comments					
Ditch					

Photo 1 of 1 : rduffey\_s\_20140304\_532.jpg



View of AG ditch at the L/S toe.

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+ Issue Type  
Ma : Maintenance Deficiency  
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En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	04/10/2014 04/10/2014	Bob Duffey

LM Start	1.68	Rating **	A	Issue No.	6
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.778856 °	39.778856 °
				-121.862986 °	-121.862986 °
DWR ID	DWR_NA0003_04_s _ 2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : rduffey\_s\_20140428\_203.jpg



View of the native grasses on both slopes.

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CR : Crown

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U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2014 Levee Inspection Results**

**Butte County Department of Public Works**

Waterway			Bank	Unit Miles
Unit No. 05 Big Chico Diversion			Left	1.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/10/2014 - 04/10/2014			
DWR Inspector	Bob Duffey			
Accompanied By	Shawn Bates Butte County			

**Summer & Winter Inspections**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2014**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/10/2014 04/10/2014	Bob Duffey

LM Start	0.34	Rating **	M	Issue No.	3
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.761633 °	39.761117 °
				-121.795155 °	-121.796464 °
DWR ID	DWR_NA0003_05_f _ 2013_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : rduffey\_s\_20140428\_204.jpg



View of the vegetation along the landside slope and toe.

LM Start	0.83	Rating **	A	Issue No.	4
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.763705 °	39.763705 °
				-121.802718 °	-121.802718 °
DWR ID	DWR_NA0003_05_s _ 2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : rduffey\_s\_20140421\_178.jpg



View of the native grasses on both slopes.

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

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U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
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+ Issue Type  
Ma : Maintenance Deficiency  
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